

Claims

553
A3
1. A transmission frame (1) for transmitting short messages (5) in a telecommunications network (10), in particular in a radiotelecommunications network, characterized in that at least two data fields (15, 20, 25, 30) are provided; that data of a short message (5) are stored in memory in the data fields (15, 20, 25, 30); and that data in a first data format are stored in a first data field (15), and data in a second data format, different from the first data format, are stored in a second data field (20).

2. The transmission frame (1) of claim 1, characterized in that a first ID code (35), which identifies the makeup of the short message (5), is provided in the first data field (15).

5
3. The transmission frame (1) of claim 2, characterized in that the first ID code (35) includes indications about the number of data fields (15, 20, 25, 30) and/or about the data formats in the data fields (15, 20, 25, 30), and/or about the size of the data fields (15, 20, 25, 30).

4. The transmission frame (1) of claim 1, 2 or 3, characterized in that a second ID code (40), which identifies the content of the short message (5), is provided in the first data field (15).

5. The transmission frame (1) of claim 4, characterized in that the second ID code (40) includes indications about the data type, such as audio or image data in particular, of the data stored in the data fields (15, 20,

5 25, 30).

6. The transmission frame (1) of one of the foregoing claims, characterized in that only the first data field (15) is limited in its size to a predetermined value.

5 7. The transmission frame (1) of one of the foregoing claims, characterized in that in each of at least two data fields (15, 20, 25, 30), one data-field-specific ID code, which identifies the makeup and/or content of the corresponding data field (15, 20, 25, 30), per data field is provided.

5 8. The transmission frame (1) of one of the foregoing claims, characterized in that the data stored in the first data field (15) are present in a data format that is readable by all the subscribers of the telecommunications network (10).

5 9. The transmission frame (1) of one of the foregoing claims, characterized in that the data stored in the first data field (15) are in a text format, in particular in accordance with the GSM-SMS format (Global System for Mobile Communications - Short Message Service).

10. The transmission frame (1) of one of the foregoing claims, characterized in that data are stored in a plurality of data formats in one of the data fields (15, 20, 25, 30).

11. The transmission frame (1) of one of the foregoing claims, characterized in that only data in a single data format are stored in each data field (15, 20, 25, 30).

543
AU 12. A telecommunications device (60, 65, 70), in

particular a radio unit, having a transmission frame (1) for transmitting short messages (5) in a telecommunications network (10), in particular in a radiotelecommunications network, characterized in that at least two data fields (15, 20, 25, 30) are provided in the transmission frame (1); that data of a short message (5) are stored in memory in the data fields (15, 20, 25, 30); and that data in a first data format are stored in a first data field (15) and data in a second data format, different from the first data format, are stored in a second data field (20).